



DOCKET NO.: CRNT-0067

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In Re Application of:**

**Paul A. Kline**

**Application No.: 10/075,708**

**Filing Date: February 14, 2002**

**For: DATA COMMUNICATION OVER A POWER LINE**

**Confirmation No.: 8383**

**Group Art Unit: 2632**

**Examiner: Benjamin C. Lee**

DATE OF DEPOSIT: September 2, 2004

I HEREBY CERTIFY THAT THIS PAPER IS BEING  
DEPOSITED WITH THE UNITED STATES POSTAL  
SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID,  
ON THE DATE INDICATED ABOVE AND IS  
ADDRESSED TO THE UNITED STATES PATENT AND  
TRADEMARK OFFICE, P.O. BOX 1450, ALEXANDRIA,  
VA 22313-1450.

TYPED NAME: Vincent J. Roccia  
REGISTRATION NO.: 43,887

**RECEIVED**

SEP 08 2004

Technology Center 2600

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of

the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

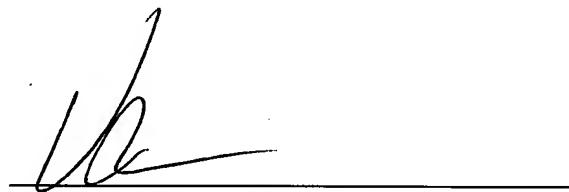
- In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.116 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:
  - Certification in Accordance with § 1.97(e) is attached; or
  - The fee of \$180.00 as set forth in § 1.17(p) is attached.
- In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).
- Copies of reference numbers **295-300** listed on the attached Form PTO-1449 are enclosed herewith.
- Copies of reference numbers **260-294** on the attached Form PTO 1449 are not required to be submitted pursuant to 37 CFR § 1.98(a)(2)(i).
- Copies of references - are not being submitted because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application number , filed for which a claim for priority under 35 U.S.C. § 120 has been made in the instant application.

There are no listed references which are not in the English language.

Applicant is uncertain as to the publication date of reference No. 300 listed on the attached Form PTO 1449, however the paper cited appears to have been presented at the 2004 International Symposium on PowerLine Communications and its Applications, Zaragoza, Spain, on March 31-April 2, 2004.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

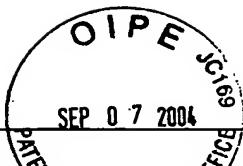
Date: September 2, 2004



Vincent J. Roccia  
Registration No. 43,887

WOODCOCK WASHBURN LLP  
One Liberty Place - 46th Floor  
Philadelphia, PA 19103  
Telephone: (215) 568-3100  
Facsimile: (215) 568-3439

© 2004 WW



Sheet 1 of 4

**Form 1449-1449 Modified**

List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)

U.S. Department of Commerce  
Patent and Trademark Office

Docket No.  
**CRNT-0067**Serial No.  
**10/075,708**Applicant  
**Paul A. Kline****RECEIVED**

SEP 08 2004

**Technology Center 2600**Filing Date  
**February 14, 2002**Group  
**2632****U. S. PATENT DOCUMENTS**

Date Added	Document No.	Date	Name	Class	Subclass
	<b>260</b> 3,641,536	02/08/72	Prosprich	340	870.15
	<b>261</b> 4,053,876	10/11/77	Taylor	340	529
	<b>262</b> 4,263,549	04/21/81	Toppeto	324	127
	<b>263</b> 4,386,436	5/1983	Kocher et al.	455	151.4
	<b>264</b> 4,413,250	11/01/83	Porter et al.	340	310.01
	<b>265</b> 4,638,298	01/20/87	Spiro	370	392
	<b>266</b> 4,724,381	02/09/88	Crimmins	324	127
	<b>267</b> 4,904,996	02/27/90	Fernandes	340	870.07
	<b>268</b> 4,962,496	10/09/90	Vercellotti et al.	370	204
	<b>269</b> 5,132,992	07/21/92	Yurt et al.	375	240
	<b>270</b> 5,272,462	12/21/93	Teyssandier et al.	340	310.01
	<b>271</b> 5,341,265	08/23/94	Westrom et al.	361	44
	<b>272</b> 5,355,109	10/11/94	Yamazaki, Yasuo	336	92
	<b>273</b> 5,410,720	04/25/95	Osterman	725	150
	<b>274</b> 5,426,360	06/20/95	Maraio et al.	324	126
	<b>275</b> 5,481,249	01/02/96	Sato	340	2.1
	<b>276</b> 5,537,087	07/16/96	Naito, Akira	336	92
	<b>277</b> 5,568,185	10/22/96	Yoshikazu	348	22
	<b>278</b> 5,952,914	09/14/99	Wynn	340	310.01
	<b>279</b> 5,994,998	11/30/99	Fisher et al.	340	310.01
	<b>280</b> 5,994,999	11/30/99	Ebersohl	340	310.01
	<b>281</b> 6,037,857	03/14/00	Behrens et al.	340	310.03

**EXAMINER****DATE CONSIDERED**



Sheet 2 of 4

**Form PTO-1449 Modified**

List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)

U.S. Department of Commerce  
Patent and Trademark Office

Docket No.  
**CRNT-0067**

Serial No.  
**10/075,708**

Applicant  
**Paul A. Kline**

Filing Date  
**February 14, 2002**

Group  
**2632**

**U. S. PATENT DOCUMENTS**

Date Added		Document No.	Date	Name	Class	Subclass
	<b>282</b>	6,130,896	10/10/00	Lueker et al.	370	469
	<b>283</b>	6,141,634	10/31/00	Flint et al.	703	018
	<b>284</b>	6,175,860	01/16/01	Gaucher	709	208
	<b>285</b>	6,229,434 B1	05/08/01	Knapp et al.	340	310.01
	<b>286</b>	6,243,571	06/05/01	Bullock et al.	455	402
	<b>287</b>	6,255,805	07/03/01	Papalia et al.	323	207
	<b>288</b>	6,255,935	07/03/01	Lehmann et al.	340	310.07
	<b>289</b>	6,300,881	10/09/01	Yee et al.	340	870.02
	<b>290</b>	6,313,738	11/06/01	Wynn	340	310.03
	<b>291</b>	6,335,672	01/01/02	Tumlin et al.	336	175
	<b>292</b>	2001/0045888 A1	11/29/01	Kline	340	310.01
	<b>293</b>	2001/0054953 A1	12/27/01	Kline	340	310.01
	<b>294</b>	2002/0002040 A1	01/03/02	Kline et al.	455	402

**RECEIVED**

SEP 08 2004

Technology Center 2600

EXAMINER

DATE CONSIDERED



SEP 07 2004

Sheet 3 of 4

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
-----------------	------------------------

<b>Form PTO-1449 Modified</b>		Docket No. <b>CRNT-0067</b>	Serial No. <b>10/075,708</b>
List of Patent and Publications Cited by Applicant (use several sheets if necessary)		Applicant <b>Paul A. Kline</b>	
U.S. Department of Commerce Patent and Trademark Office		Filing Date <b>February 14, 2020</b>	Group <b>2632</b>
Date Added	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
296	Dostert, K., "EMC Aspects of High Speed Powerline Communications," Proceedings of the 15 <sup>th</sup> International Wroclaw Symposium and Exhibition on Electromagnetic Capability, June 27-30, 2000; Wroclaw, Poland, pp. 98-102		
297	Piety, R. A., "Intrabuilding Data Transmission Using Power-Line Wiring," Hewlett-Packard Journal, May 1987, pp. 35-40		
298	Dostert, K., Powerline Communications, Ch. 5, pp. 286, 288-292, Prentice Hall PTR, Upper Saddle River, NJ ©2001		
299	Japanese abstract from Micropatent's Patent Index Database: Publication No. 10200544 published July 31, 1998 of Takeda Hiroshi; assigned to Matsushita Electric Works		
300	Liu, E. et al., "Broadband Characterization of Indoor Powerline Channel," Communications Laboratory, Helsinki University of Technology, Finland [presented at the 2004 International Symposium on PowerLine Communications and its Applications, Zaragoza, Spain. March 31-April 2, 2004] 6 pages		
<b>RECEIVED</b>			
SEP 08 2004			
Technology Center 2600			

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
-----------------	------------------------